

Enhanced Traffic Management System (ETMS)

SYSTEM DESCRIPTION

The Common Operational Picture (COP) Transportation Interface (CTI) segment is designed as a preprocessor framework to access the Federal Aviation Administration (FAA) flight data available from the Enhanced Traffic Management System (ETMS) server, Emergency Position-Indicating Radio Beacon system (L-BAND) flight data, and Aircraft Communications and Reporting System (ACARS) flight data available from the Air Mobility Command's (AMC) Global Decision Support System (GDSS). CTI, in the unclassified (UNCLASS) preprocessor configuration, monitors a directory mounted from the ETMS server, and when new data is available, processes the flight/route data and e-mails the resulting pre-processed data through a Defense Information Infrastructure (DII) Guard to a COP Server with the CTI (processor) segment installed. The L-BAND and ACARS data will be provided to CTI (preprocessor configuration) by GDSS in an SMTP format. The flight data is processed and e-mails the resulting pre-processed data to a server with the CTI (processor) segment installed. CTI is designed in the processor configuration as a framework for track injection into the classified COP Servers. The CTI preprocessor operates on an UNCLASS workstation, passing data via e-mail through a sanitizer, which relays them to the Secret COP server with CTI segments installed. The COP Server then sends these tracks out to other Commands using the established COP protocols.

INTEROPERABILITY CERTIFICATION STATUS

Please refer to the [Joint GCCS Interoperability Status Table](#)